

Patent claims

1. A method for identifying the depositor of suspicious banknotes at
5 an automatic teller machine, wherein the deposited banknotes are subjected
to an authenticity test in the automatic teller machine and classified into
authentic, forged and unsuspicious banknotes depending on the result of the
authenticity test, and wherein the suspicious banknotes are subjected to a
10 further test outside of the automatic teller machine, characterized in that at
least those banknotes which are classified as suspicious are provided with an
imprint in the automatic teller machine, said imprint allowing the definitive
assignment of the banknote to a specific transaction.
2. The method as claimed in claim 1, characterized in that the imprint
15 is made using an ink which is invisible to the human eye.
3. The method as claimed in claim 1 or 2, characterized in that the
identification data of the automatic teller machine and the data, including date
and time, which characterizes the transaction are printed.
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4. The method as claimed in claim 2 or claim 3, characterized in that
the data is printed onto the note in the form of a barcode.
5. An automatic teller machine for accepting banknotes, comprising
25 an input unit (12) for banknotes, a test unit (16) for authenticity checking of the
input banknotes, at least one store (18) for storing satisfactory banknotes, at
least one store for holding unsatisfactory banknotes, transport devices for
banknote transportation within the automatic teller machine (10), and a data
processing and control device (20) for controlling all units of the automatic
30 teller machine (10), characterized in that a printing device (24) is arranged in
the transport path of the banknotes within the automatic teller machine (10),
which printing device can be controlled according to test signals which are
generated by the test unit (16), in order to provide a tested banknote with an
imprint.

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6. The automatic teller machine as claimed in claim 5, characterized in that the printing device (24) is designed for generating an imprint which is invisible to the human eye.
- 5 7. The automatic teller machine as claimed in claim 5 or 6, characterized in that the data which is printed by the printing device (24) comprises identification data of the automatic teller machine (10) and data, including date and time, which characterizes the transaction in which the banknotes were deposited.